Subject: Re: IDL or OpenLook "feature"?

Posted by hatay on Fri, 13 Aug 1993 06:01:45 GMT

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In article <JDLB.93Aug12174948@kukui.ifa.hawaii.edu> jdlb@ifa.hawaii.edu writes:

>

- > I just lost my IDL session for the nth time. Sometimes when I use a widget
- > application, IDL crashes with a bus error, segmentation fault, or other
- > error. This time, I got an error from Open Look:

>

- > IDL> xloadct
- > % Compiled module: XLOADCT.
- > % Compiled module: XREGISTERED.
- > OPEN LOOK Toolkit Error in application "idl": Can't allocate gray pixel

>

- > Is OpenLook forcing IDL to exit? Or is IDL responding poorly to life's
- > vicissitudes? Has anybody else had widget problems?

> > --Jeff

I suggest reading openwin3.doc in idl/notes directory. It has some recipes for fixing some titsy bitsy yet annoying behaviors under Sun OpenWindows similar to yours.

Subject: Re: IDL or OpenLook "feature"?
Posted by offenbrg on Fri, 13 Aug 1993 15:15:19 GMT
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jdlb@kukui.ifa.hawaii.edu (J-F Pitot de La Beaujardiere) writes:

- > I just lost my IDL session for the nth time. Sometimes when I use a widget
- > application, IDL crashes with a bus error, segmentation fault, or other
- > error. This time, I got an error from Open Look:
- > IDL> xloadct
- > % Compiled module: XLOADCT.
- > % Compiled module: XREGISTERED.
- > OPEN LOOK Toolkit Error in application "idl": Can't allocate gray pixel

Add this to your .Xdefaults file (or .Xdefaults.opn or whatever you call it):

Idl\*colors: -5

This tells IDL when it starts up that it should not hog all of the colortable (which is what it does by default), but leave 5 colors free. That way, when you try and create a widget, there are still colors left in the colortable.

Please note that this change doesn't take effect until you logout and log back on again :)

Joel

--

Joel D. Offenberg |

Hughes STX / UIT Science Team | I get paid to stare into space.

offenbrg@fondue.gsfc.nasa.gov |

Don't hold anyone responsible for what I say. I'm on my coffee break.

Subject: Re: IDL or OpenLook "feature"?

Posted by jdlb on Mon, 16 Aug 1993 22:05:57 GMT

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I described an IDL crash following the message OPEN LOOK Toolkit Error in application "idl": Can't allocate gray pixel

offenbrg@trifle.gsfc.nasa.gov (Joel Offenberg) writes:

- > Add this to your .Xdefaults file (or .Xdefaults.opn or whatever you call it):
- > Idl\*colors: -5

I already have that.

- > Please note that this change doesn't take effect until you logout and
- > log back on again:)

Unless you do 'xrdb -merge .xdefaults' :-)

hatay@spot.Colorado.EDU (Ferhat F. Hatay) writes:

- > I suggest reading openwin3.doc in idl/notes directory. It has some recipes
- > for fixing some titsy bitsy yet annoying behaviors under Sun OpenWindows
- > similar to yours.

This document also suggests the Idl\*colors business.

I thank Messieurs Offenberg and Hatay for their suggestions. I have changed Idl\*colors to -10 for now, which will hopefully reduce crashes due to color table problems. I am more concerned about the mysterious segmentation faults and bus errors which occur now and then. Unfortunately, I can't reproduce these crashes at will. I can't even be sure my own machine isn't at fault. Sometimes I have IDL sessions going for days, with many variables added and deleted, which may complicate memory management issues. Also, I am not using OpenWindows directly--I'm using twm with X11R5 (and IDL 3.0.0).

--Jeff

Subject: Re: IDL or OpenLook "feature"? Posted by offenbrg on Tue, 17 Aug 1993 16:25:56 GMT

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jdlb@kukui.ifa.hawaii.edu (J-F Pitot de La Beaujardiere) writes:

- > I described an IDL crash following the message
- > OPEN LOOK Toolkit Error in application "idl": Can't allocate gray pixel
- > offenbrg@trifle.gsfc.nasa.gov (Joel Offenberg) writes:
- >> Add this to your .Xdefaults file (or .Xdefaults.opn or whatever you call it):
- >> Idl\*colors: -5
- > I already have that.

Hm. That fixed it when I ws having the same problem.

Another potential problem arises if you have multiple IDL sessions running at one time on the same console, especially if they are coming from different hosts. I have no idea if that is your problem, however, but it is the only suggestion I have left.

Joel

--

Joel D. Offenberg | Hughes STX / UIT Science Team | I get paid to stare into space. offenbrg@fondue.gsfc.nasa.gov | Don't hold anyone responsible for what I say. I'm on my coffee break.